

Amendments to the Specification:

Please replace line 6, at page 27 with the following amended phrase:

As in Example 1, the ~~RDGDS~~GRGDS peptide sequence served as a positive control.

Please replace line 9, at page 27 with the following amended phrase:

The 39 peptides and ~~RDGDS~~GRGDS were immobilized on 60 wells as in Example 1.

Please amend Table 2, at page 30 with the following:

Table 2: Summary of Effect of Individual Peptides on Primary Hepatocytes

	Attachment	Maintains Albumin Function	Maintains CYP Function
<u>FIFAK</u> <u>SEQ. ID NO: 5</u>	Yes	Yes	Yes
<u>AFKIF</u> <u>SEQ. ID NO: 7</u>	Yes	Yes	Yes
<u>FAKFI</u> <u>SEQ. ID NO: 9</u>	Yes	Yes	Yes
<u>KKLVY</u> <u>SEQ. ID NO: 6</u>	Yes	Yes	Yes
<u>KMLIY</u> <u>SEQ. ID NO: 10</u>	Yes	Yes	Low
<u>AFAFK</u> <u>SEQ. ID NO: 8</u>	Loose	Yes	Low
<u>AKKMV</u> <u>SEQ. ID NO: 12</u>	Loose	Yes	Low
<u>KSYYY</u> <u>SEQ. ID NO: 11</u>	Loose	Yes	Low